

Form PTO-1449
(REV. 8-83)

US Dept. of Commerce
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.
111673

APPLICATION NO.
10 030,822



INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Takashi AOKI et al.

FILING DATE
January 16, 2002

GROUP
1756

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
P2	US2002 0145711A1	10 2002	MAGOME et al	355	30
	US2003 0006380A1	01 2003	VAN EMPEL et al	355	492.3
	6,208,406 B1	03 2001	NAKASHIMA	355	30
	5,997,963	12 1999	DAVISON et al.	427	582
	4,704,348	11 1987	KOIZUMI et al.	430	
	5,877,843	03 1999	TAKAGI et al	355	
	5,025,284	06 1991	KOMORIYA et al.	355	
P2	6,313,953	11 2001	DALLAS	359	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

[Signature]

DATE CONSIDERED

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Examiner

Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
Pt		JP A 60-133728 (w/partial English-language translation)	07/16/1985	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

P. G. J. H.

DATE CONSIDERED

10-30-03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 9, 2002

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111673		APPLICATION NO. 10/030,822	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Takashi AOKI et al.			
				FILING DATE January 16, 2002			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
R2		5,973,764	10/26/1999	McCullough et al.			
R2		5,559,584	09/24/1996	Miyaji et al.			
R2		4,801,352	01/31/1989	Piwezyk			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
R2		EP 1 098 226 A2	05/09/2001	Europe			
R2		EP 1 098 225 A2	05/09/2001	Europe			
R2		JP A 9-260257 (w/partial translation)	10/03/1997	Japan			
R2		JP A 11-111585 (w/partial translation)	04/23/1999	Japan			
R2		JP A 11-238669 (w/partial translation)	08/31/1999	Japan			
R2		JP B2 2888353 (w/partial translation)	02/19/1999	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	R2				DATE CONSIDERED 10-30-03		
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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111673		APPLICATION NO. U.S. National Stage of PCT/JP99/03862	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Takashi AOKI, Soichi OWA			
				FILING DATE January 14, 2002			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
PT	1	5,559,584	09/24/1996	Miyaji et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
PT	2	JP A 10-97990	04/14/1998	Japan			
↑	3	JP A 6-260385	09/16/1994	Japan			
	4	JP A 2-250309 (w/abstract)	10/08/1990	Japan			
	5	JP A 60-42827 (w/abstract)	03/07/1985	Japan			
	6	JP A 62-272259 (w/abstract)	11/26/1987	Japan			
	7	JP A 62-63428 (w/abstract)	03/20/1987	Japan			
	8	JP A 9-260257 (w/abstract)	10/03/1997	Japan			
	9	JP A 5-304084 (w/abstract)	11/16/1993	Japan			
	10	JP A 3-127814 (w/abstract)	05/30/1991	Japan			
	PT	11	JP A 4-273116 (w/abstract)	09/29/1992	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
PT				12-30-03			
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